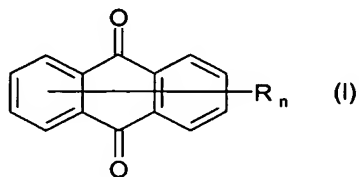
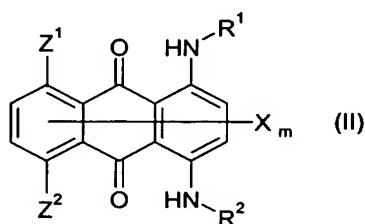


What is claimed is:

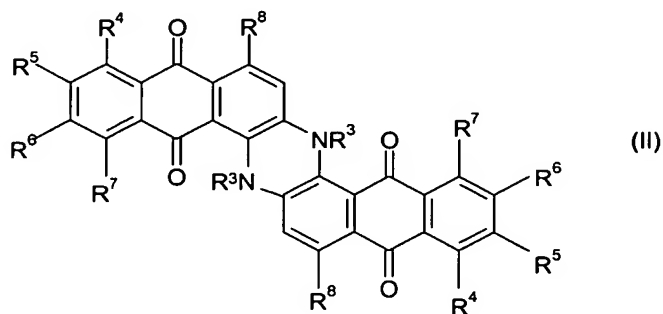
1. A fuel and lubricant additive concentrate comprising at least one anthraquinone derivative as a marker.
2. The concentrate according to claim 1, comprising at least one anthraquinone derivative selected from the group consisting of the compounds of the formula I



of the formula II



and of the formula III



where

Z^1, Z^2 are each independently hydrogen, hydroxyl, OR, NHR or NR_2 ,

R^1, R^2 are each independently R or COR,

- X is hydrogen, cyano, nitro, hydroxyl, OR, amino, NHR, R or CH(R⁹)(R¹⁰),
- 5 n, m are each 0, 1, 2, 3 or 4, and, in each case that n or m is greater than 1, the R or X radicals may each be the same or different,
- R⁹, R¹⁰ are each independently cyano, COOH or COOR,
- 10 R³ is hydrogen, R or NHR,
- R⁴ to R⁸ are each independently hydrogen, R or NHR
- and
- 15 R is C₁-C₂₀-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C₅-C₇-cycloalkyl which is optionally substituted by one or more C₁-C₂₀-alkyl groups which are optionally interrupted by from 1 to 4 oxygen atoms in ether function, saturated
- 20 heterocyclic five- or six-membered radical which is optionally substituted by one or more C₁-C₂₀-alkyl groups which are optionally interrupted by from 1 to 4 oxygen atoms in ether function, or is C₆-C₁₀-aryl which is optionally substituted by one or more halogen, cyano, nitro, hydroxyl, amino, C₁-C₂₀-alkyl which is optionally
- 25 interrupted by from 1 to 4 oxygen atoms in ether function, C₁-C₂₀-alkoxy, C₁-C₂₀-alkylamino or C₁-C₂₀-dialkylamino, or is heteroaryl having from 3 to 12 carbon atoms which is optionally substituted by one or more C₁-C₂₀-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C₁-C₂₀-alkoxy, C₁-C₂₀-alkylamino or
- 30 C₁-C₂₀-dialkylamino, or is C₆-C₁₀-aryl-C₁-C₄-alkyl which is optionally substituted in the aryl radical by one or more halogen, cyano, nitro, hydroxyl, amino, C₁-C₂₀-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C₁-C₂₀-alkoxy, C₁-C₂₀-alkylamino or C₁-C₂₀-dialkylamino, or is heteroaryl-C₁-C₄-alkyl having from 3 to
- 35 12 carbon atoms in the heteroaryl radical, the latter optionally being substituted by one or more C₁-C₂₀-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C₁-C₂₀-alkoxy, C₁-C₂₀-alkylamino or C₁-C₂₀-dialkylamino.

3. The concentrate according to claim 2, wherein, in formula I and II,

Z^1, Z^2 are each independently hydrogen or NHR,

5 R^1, R^2 are each independently R,

X is hydrogen, cyano or $CH(R^9)(R^{10})$,

10 n, m are 0, 1, 2, 3 or 4, and, when n or m is greater than 1, the R or X radicals are the same or different,

R^9, R^{10} are each independently cyano or COOR,

15 R^3 is hydrogen, R or NHR,

R^4 to R^7 are hydrogen or NHR,

R^8 is NHR

20 and

R is C_1 - C_{15} -alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, cyclohexyl which is optionally substituted by one or more C_1 - C_{15} -alkyl groups which are optionally interrupted by from 1 to 4 oxygen atoms in ether function, saturated heterocyclic five- or six-membered radical which is optionally substituted by one or more C_1 - C_{15} -alkyl groups which are optionally interrupted by from 1 to 4 oxygen atoms in ether function, or is C_6 - C_{10} -aryl which is optionally substituted by one or more C_1 - C_{15} -alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C_1 - C_{15} -alkoxy, C_1 - C_{15} -alkylamino or C_1 - C_{15} -dialkylamino, or is heteroaryl having from 3 to 5 carbon atoms which is optionally substituted by one or more C_1 - C_{15} -alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C_1 - C_{15} -alkoxy, C_1 - C_{15} -alkylamino or C_1 - C_{15} -dialkylamino, or is phenyl C_1 - C_4 -alkyl which is optionally substituted in the phenyl radical by one or more C_1 - C_{15} -alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C_1 - C_{15} -alkoxy, C_1 - C_{15} -alkylamino or C_1 - C_{15} -dialkylamino, or is heteroaryl- C_1 - C_4 -alkyl having from 3 to 5 carbon atoms in the heteroaryl radical, the

latter optionally being substituted by one or more C₁-C₁₅-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C₁-C₁₅-alkoxy, C₁-C₁₅-alkylamino or C₁-C₁₅-dialkylamino.

- 5 4. The use of the concentrate according to one or more of claims 1 to 3 for additizing mineral oils.
5. A mineral oil comprising the concentrate according to one or more of claims 1 to 3.